

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141849.D
 Acq On : 05 Mar 2025 17:50
 Operator : RC/JU
 Sample : Q1480-33
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WATER-SAMPLE

Quant Time: Mar 06 00:12:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	177954	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	665396	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	336291	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	512833	20.000	ng	0.00
76) Chrysene-d12	14.033	240	412337	20.000	ng	-0.02
86) Perylene-d12	15.509	264	438433	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	786748	70.604	ng	0.00
7) Phenol-d6	6.498	99	623372	42.980	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1254060	120.469	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	488319	154.670	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2203223	105.050	ng	0.00
79) Terphenyl-d14	12.986	244	2035437	79.866	ng	-0.01

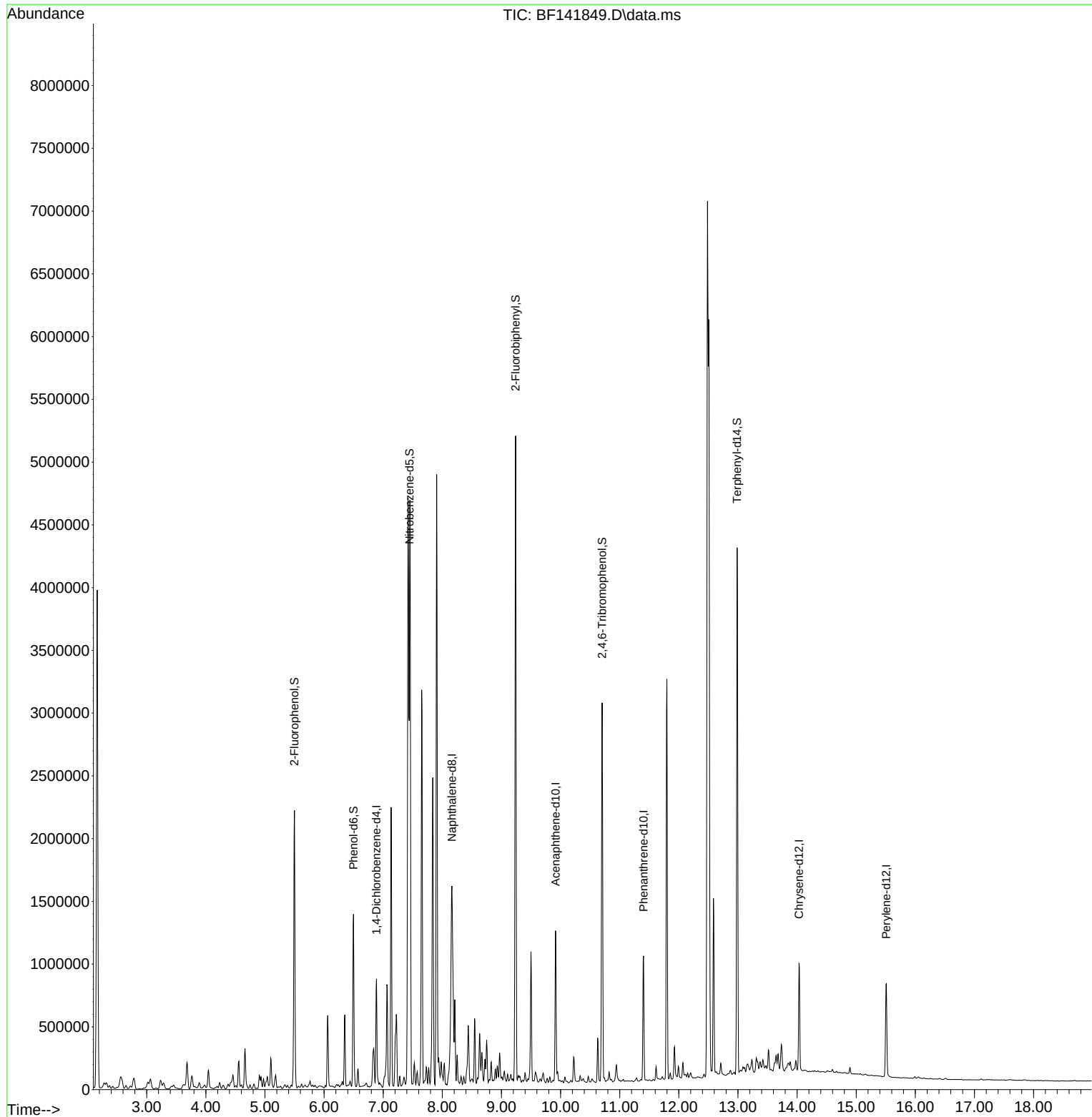
Target Compounds	Qvalue

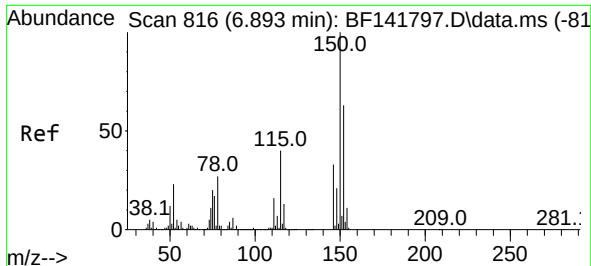
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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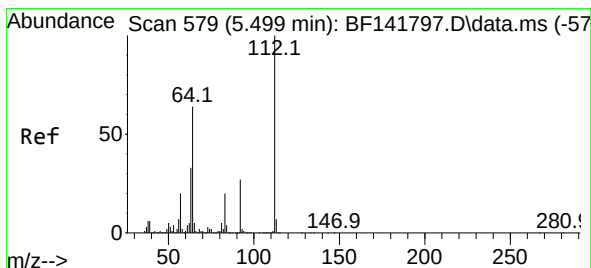
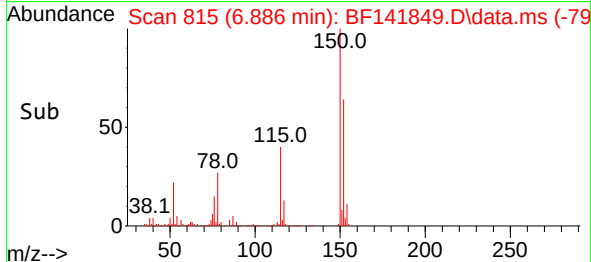
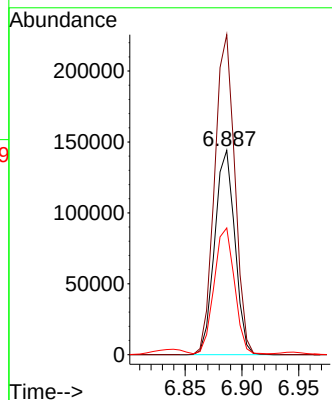
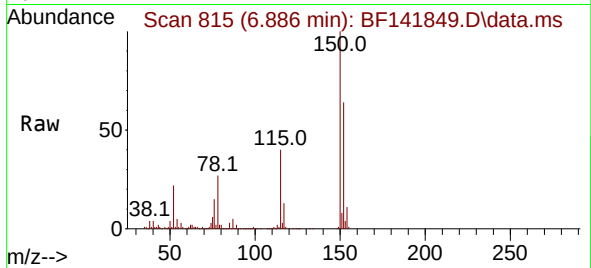




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141849.D
 Acq: 05 Mar 2025 17:50

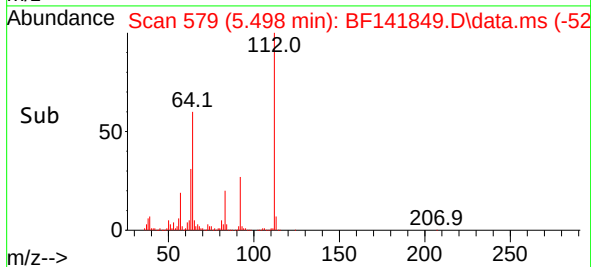
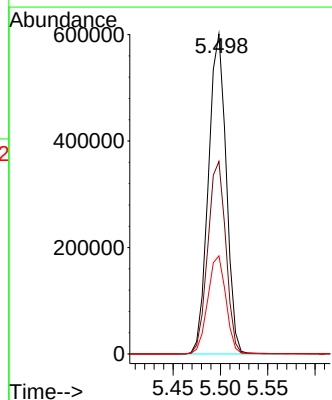
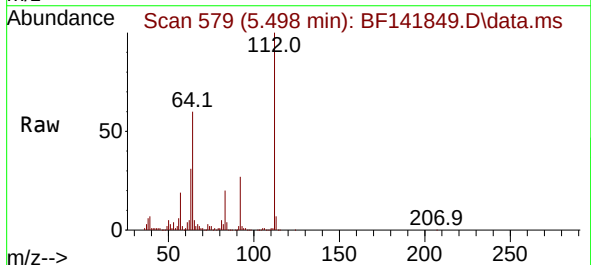
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WATER-SAMPLE

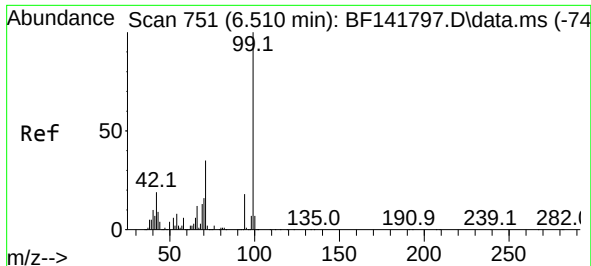
Tgt Ion:152 Resp: 177954
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.5 191.3
 115 62.1 51.4 77.2



#5
 2-Fluorophenol
 Concen: 70.604 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141849.D
 Acq: 05 Mar 2025 17:50

Tgt Ion:112 Resp: 786748
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.3 76.9
 63 30.6 26.2 39.4

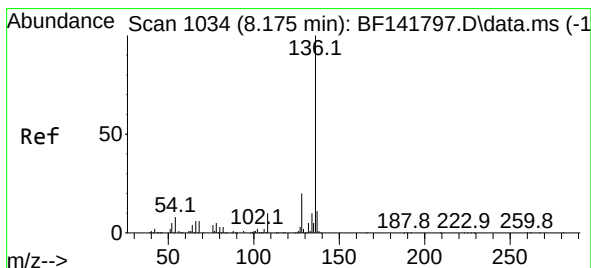
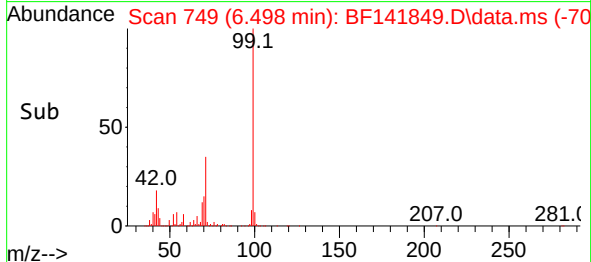
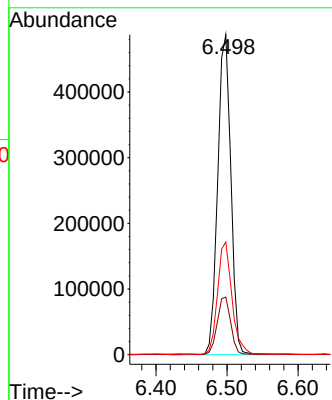
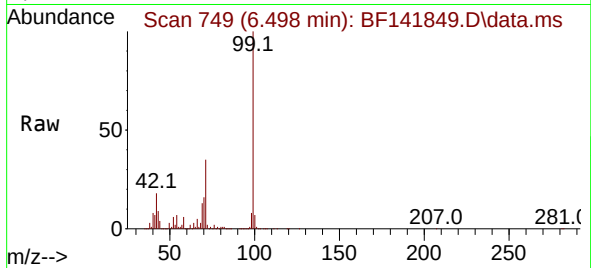




#7
Phenol-d6
Concen: 42.980 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141849.D
Acq: 05 Mar 2025 17:50

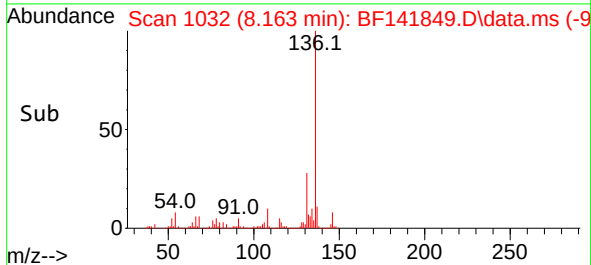
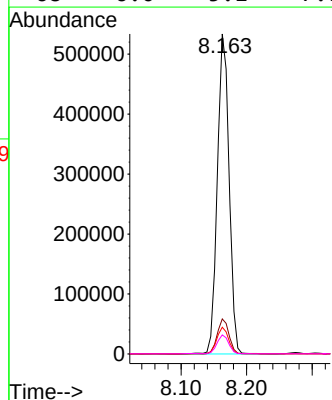
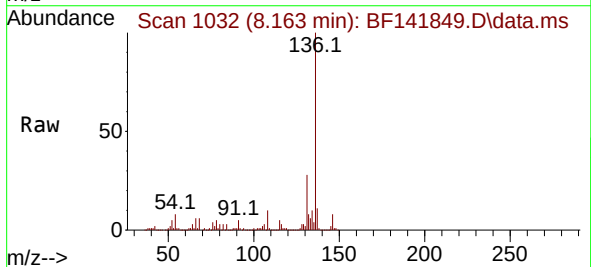
Instrument :
BNA_F
ClientSampleId :
TP-3-WATER-SAMPLE

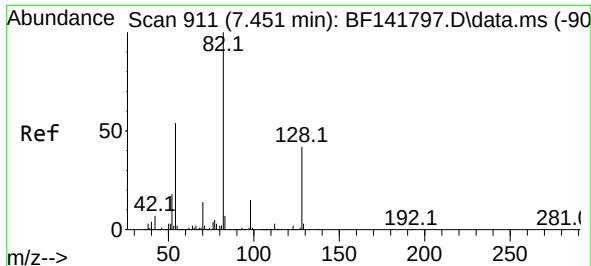
Tgt Ion: 99 Resp: 623372
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 35.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141849.D
Acq: 05 Mar 2025 17:50

Tgt Ion: 136 Resp: 665396
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.4 6.9 10.3
68 6.0 5.1 7.7

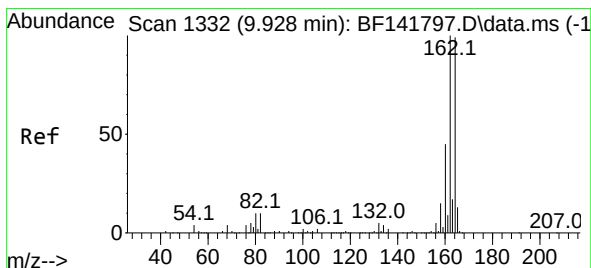
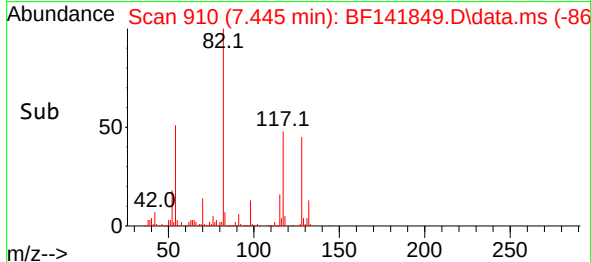
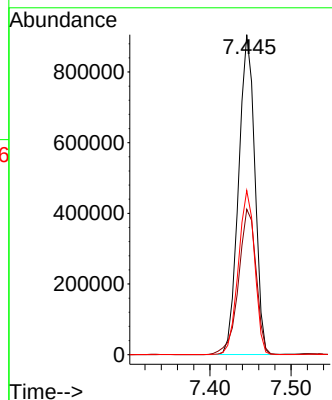
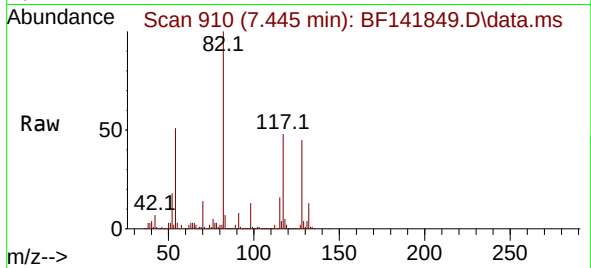




#23
Nitrobenzene-d5
Concen: 120.469 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141849.D
Acq: 05 Mar 2025 17:50

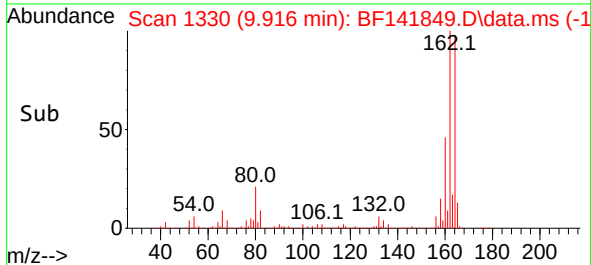
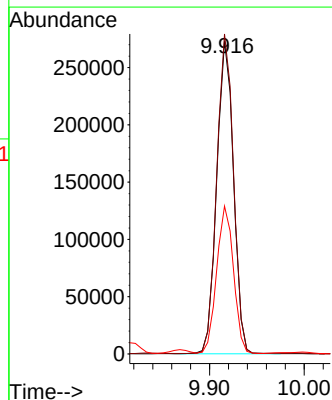
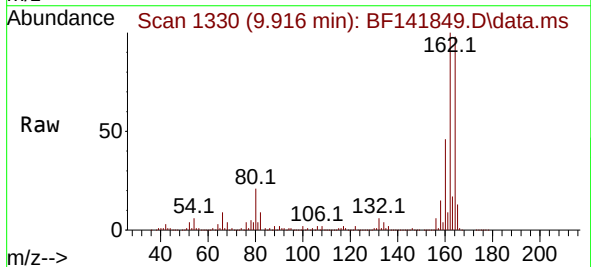
Instrument :
BNA_F
ClientSampleId :
TP-3-WATER-SAMPLE

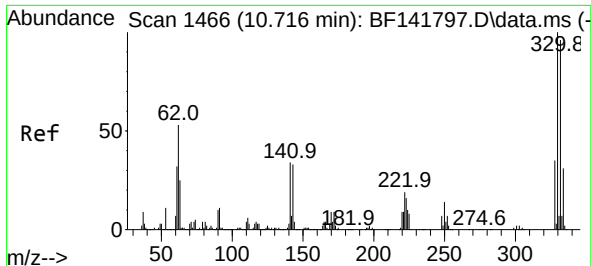
Tgt Ion: 82 Resp: 1254060
Ion Ratio Lower Upper
82 100
128 45.4 33.5 50.3
54 51.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF141849.D
Acq: 05 Mar 2025 17:50

Tgt Ion:164 Resp: 336291
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 47.3 36.3 54.5



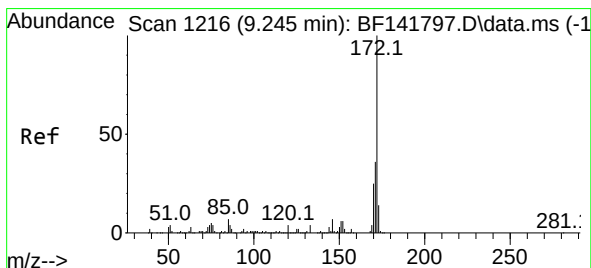
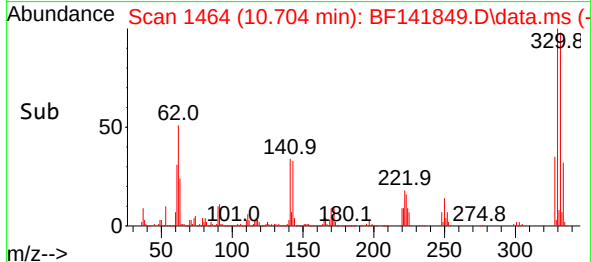
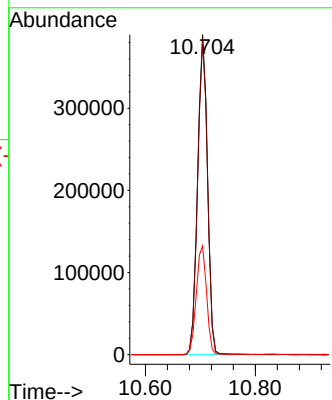
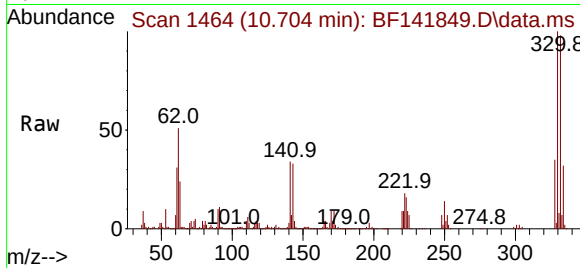


#42
 2,4,6-Tribromophenol
 Concen: 154.670 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.012 min
 Lab File: BF141849.D
 Acq: 05 Mar 2025 17:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WATER-SAMPLE

Tgt Ion:330 Resp: 488319

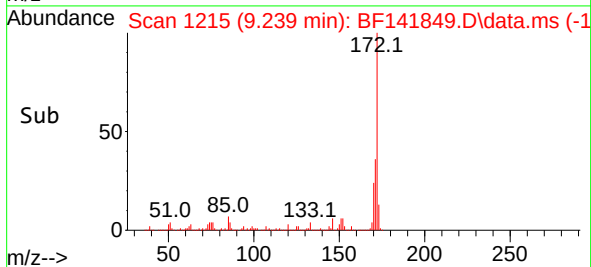
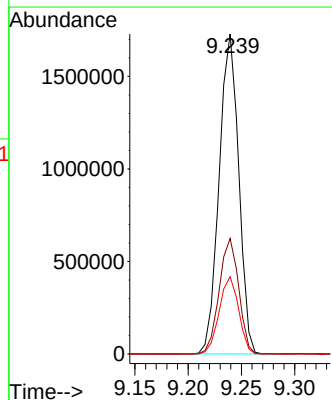
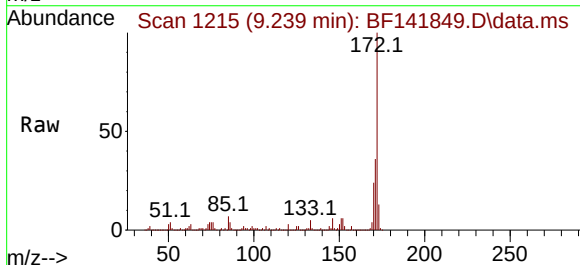
Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	35.1	29.0	43.4

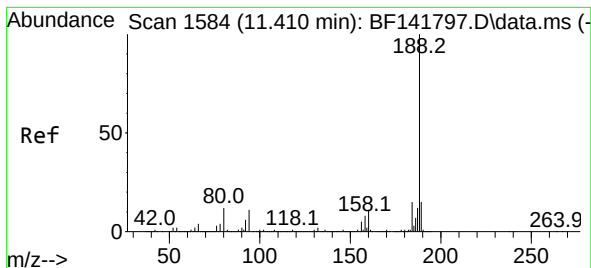


#45
 2-Fluorobiphenyl
 Concen: 105.050 ng
 RT: 9.239 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF141849.D
 Acq: 05 Mar 2025 17:50

Tgt Ion:172 Resp: 2203223

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.2	19.7	29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141849.D

Acq: 05 Mar 2025 17:50

Instrument :

BNA_F

ClientSampleId :

TP-3-WATER-SAMPLE

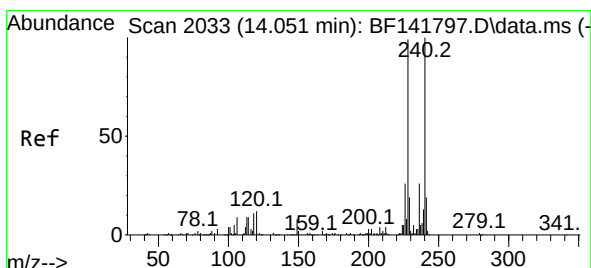
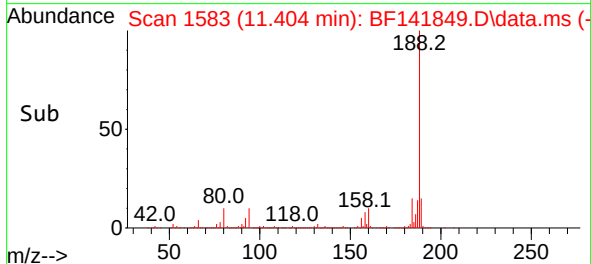
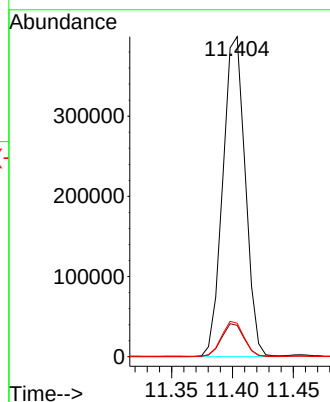
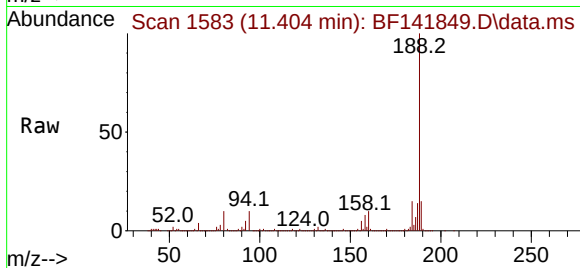
Tgt Ion:188 Resp: 512833

Ion Ratio Lower Upper

188 100

94 9.8 8.9 13.3

80 10.4 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF141849.D

Acq: 05 Mar 2025 17:50

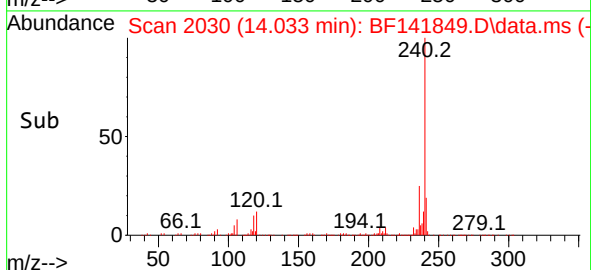
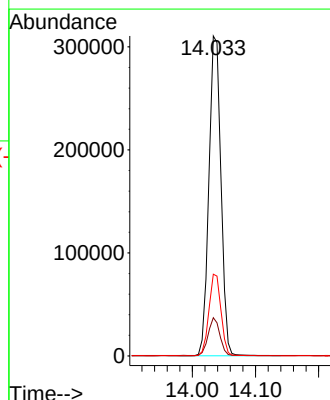
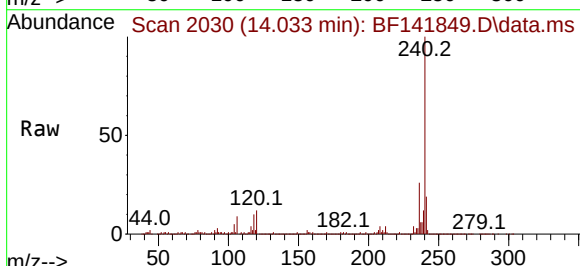
Tgt Ion:240 Resp: 412337

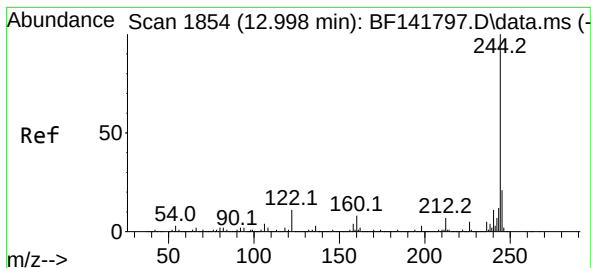
Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 79.866 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141849.D

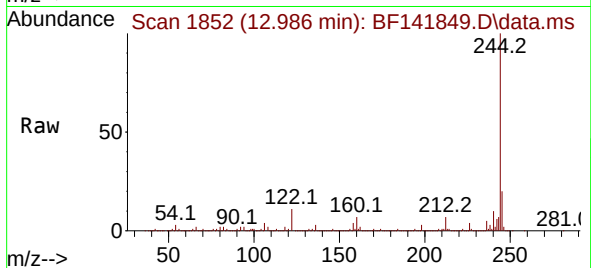
Acq: 05 Mar 2025 17:50

Instrument :

BNA_F

ClientSampleId :

TP-3-WATER-SAMPLE



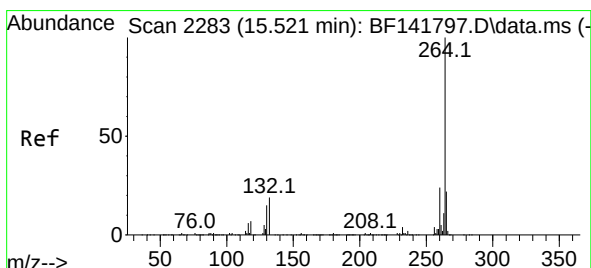
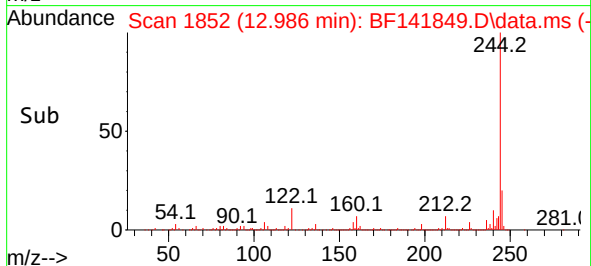
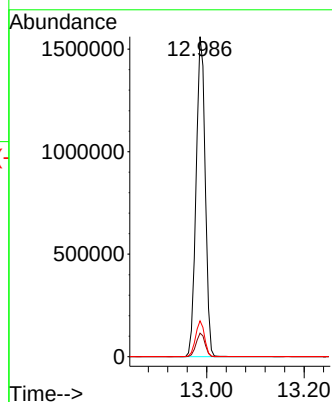
Tgt Ion:244 Resp: 2035437

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 11.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141849.D

Acq: 05 Mar 2025 17:50

Tgt Ion:264 Resp: 438433

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.8 17.4 26.0

